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1 agactataca ggaattggga ctttctggga gcatctctct cagcgctggt agggtaccct  
61 aaggatgagg agagactaaa tgggggtttt cctgctgagc caggccatgc tgactgcaat  
121 gttgctgagt tgggttctgc tggcact gcctcccaca ctgggggtcc agatggcggt  
181 ggctccactg aagggcataca gaaggcctga ccaggctctg ttcccagagt tcccaggtga  
241 gtatggtcag gttggggata tgggggcaa cgaccattgc tggccacaga cctgcccccc  
301 caggcttaga cttccccc caatcccaat cccaacctag ggaggtgggt acttggtgca  
361 tggtgggtgt ggccctcaca tcttcttgcc ccaggtctaa gtctgaatgg cctcaagaag  
421 acaactgcag accgagcaga agaagttctg ctgcagaagg cagaagcttt ggccggaggta  
481 actcattagg gaaaggata aagtagaagg tagggcgcatac cagataccat catctctccc  
541 cacttccgga ttacccaacc tggcagaac tgcagccctt ccctgacctc agtccactgc  
601 caccctactg gggtcggggt ttgagagttt cctgaacacctt attccctac gaatgcaggt  
661 gctagatcca cagaaccgcg agtctcggtc tccgcgtcgc tggtaaggc tgcacgcgatc  
721 ctgcttggga cagcaggtac cttgctgcga cccgtgcgtc acgtgtact gcccgttctt  
781 caatgcctt tgctactgcc gcaagctggg taccgcacg aacctctgtt gtcgcaccta  
841 gccaatggat gttgtttggg aaaggcaggg gatgagaata aaggatcggg acggtttaac  
901 cttaaagctg tggttatttc ttt

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MLTAMLLSCVLLLALPPTLGVQMGVAPLKGIRRPDQALFPEFPGLSLNGLKTTADRAEEVLLQK  
AEALAEVLDPQNRESRSPRRCVRLHESCLGQQVPCCDPCATCYCRFFNAFCYCRKLGATNLCSR

T

FIG. 2

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1 gccatgctga ccgcagcgg gctgagctgt gccctgctgc tggcactgcc tgccacgcga  
61 ggagcccaga tgggcttggc cccatggag ggcatacagaa ggctgacca ggccctgctc  
121 ccagagctcc caggcctggg cctgcgggcc ccactgaaga agacaactgc agaacaggca  
181 gaagaggatc tggtgcagga ggctcaggcc ttggcagagg tactagacct gcaggaccgc  
241 gagcccgct cctcacgtcg ctgcgttaagg ctgcataagt cctgcctggg acagcagggt  
301 cttgctgtg acccatgtgc cacgtgctac tgccgcttct tcaatgcctt ctgctactgc  
361 cgcaagctgg gtactgccat gaatccctgc agccgcaccc agctggccaa cgtcagggtc

FIG. 3

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MLTAAVLSCALLALPATRGAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKKTTAEQAEEDLLQ  
EAQALAEVLDLQDREPRSSRRCVRLHESCLGQQVPCCDPCATCYCRFFNAFCYCRKLGTAMNPCS  
RT

**FIG. 4**

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1 atgctaggta acaaggcaat ggggctgtgt ggactgaccc tcgctctatc tctgctcgta  
61 tggggca ttctggctga ggggtacccc tccaaagccgg acaatccggg cgaggacgcg  
121 ccagcagagg acatggccag atactactcc gctctgcgac actacatcaa tctcatcacc  
181 agacagagat atggcaagag atccagccct gagacactga tttcagacct cttaaatgaag  
241 gaaagcacag aaaacgcccc cagaacaagg cttgaagacc cttccatgtg gtgatggaa  
301 atgaaaacttg ttctcccgac ttttccaagt ttccaccctc atctcatctc atccatcccc  
361 tgaaaaccagt ctgcctgtcc caccaatgca tgccaccact aggctggact ccgccccatt  
421 tcccttgttg ttgttgtata tatgtgtgtt taaataaaagt accatgcatt caaaaaaaaaa  
481 aaa

FIG. 5

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MLGNKRMGLCGLTLALSLLVCLGILAEGYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG  
KRSSPETLISDLLMKESTENAPRTRLEDPSMW

FIG. 6

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1 atgcttagta acaagcgact ggggctgtcc ggactgaccc tcgcctgtc cctgctcgta  
61 tgcctgggtg cgctggccga ggcgtacccc tccaaagccgg acaacccggg cgaggacgca  
121 ccagcggagg acatggccag atactactcg gcgcgtgcac actacatcaa cctcatcacc  
181 aggcagagat atggaaaacg atccagccca gagacactga tttcagaccc tttgatgaga  
241 gaaagcacag aaaatgttcc cagaactcgg cttgaagacc ctgcaatgtg gtgatggaa  
301 atgagacttg ctctctggcc ttttcctatt ttcagcccat atttcatcgt gtaaaacgag  
361 aatccacccca tcctaccaat gcatgcagcc actgtgctga attc

FIG. 7

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MLGNKRLGLSGLTLALSLLVCLGALAEAYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG  
KRSSPETLISDLLMRESTENVPRTRLEDPAMW

FIG. 8

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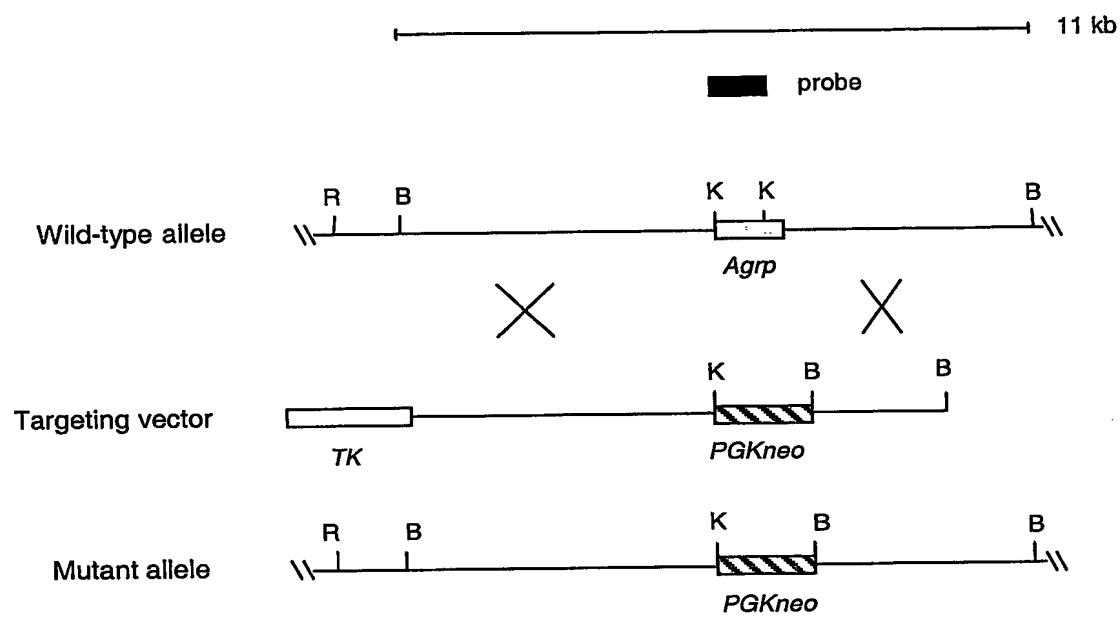


FIG. 9

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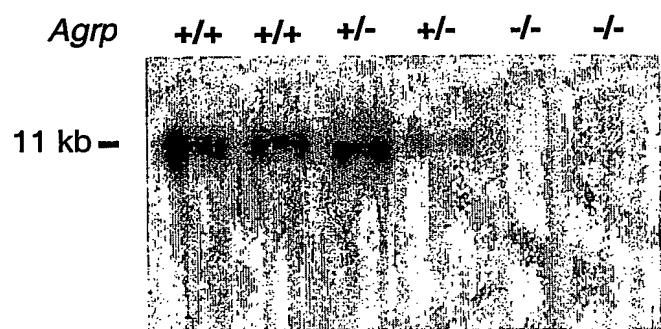


FIG. 10

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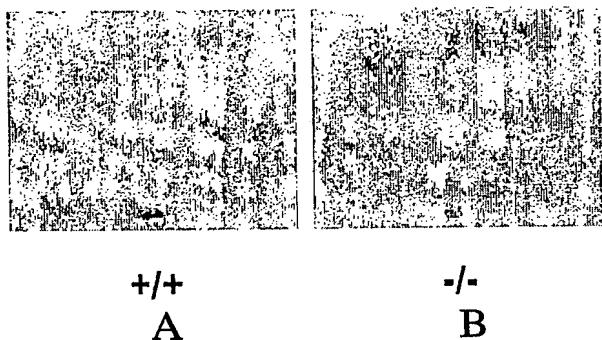


FIG. 11

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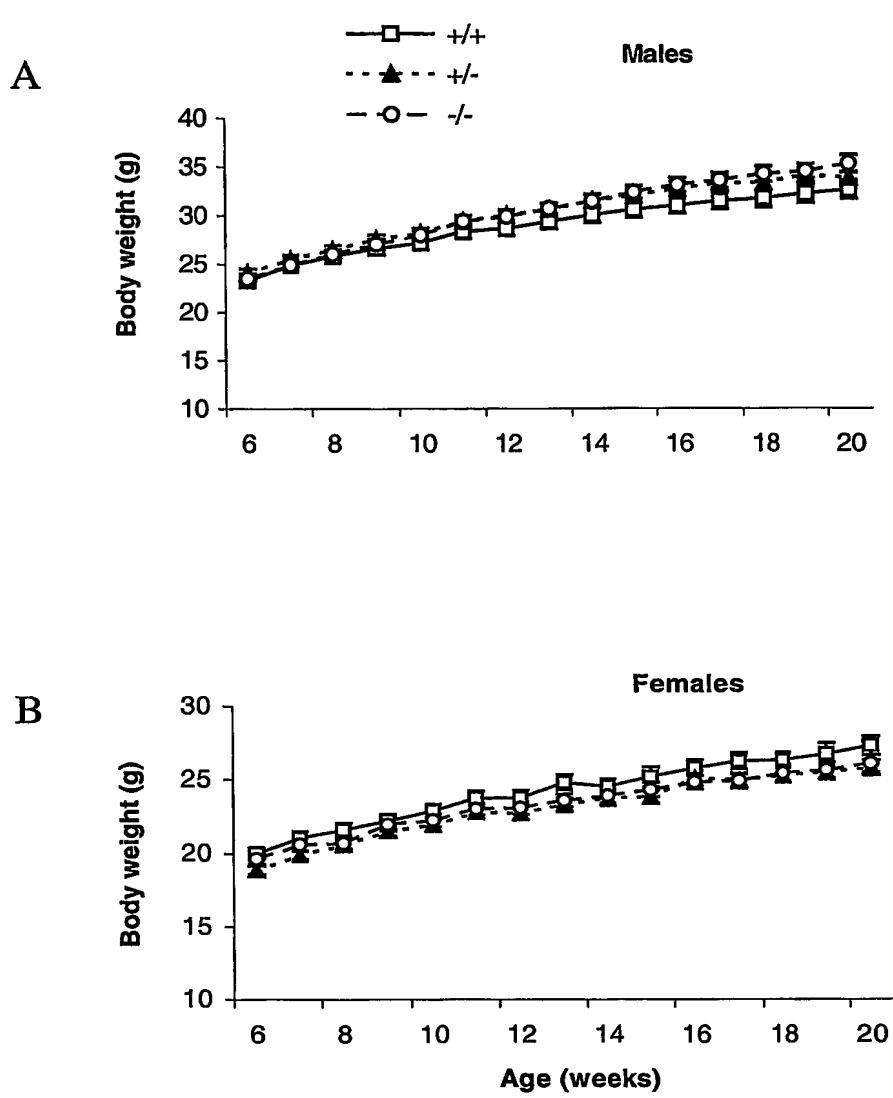


FIG. 12

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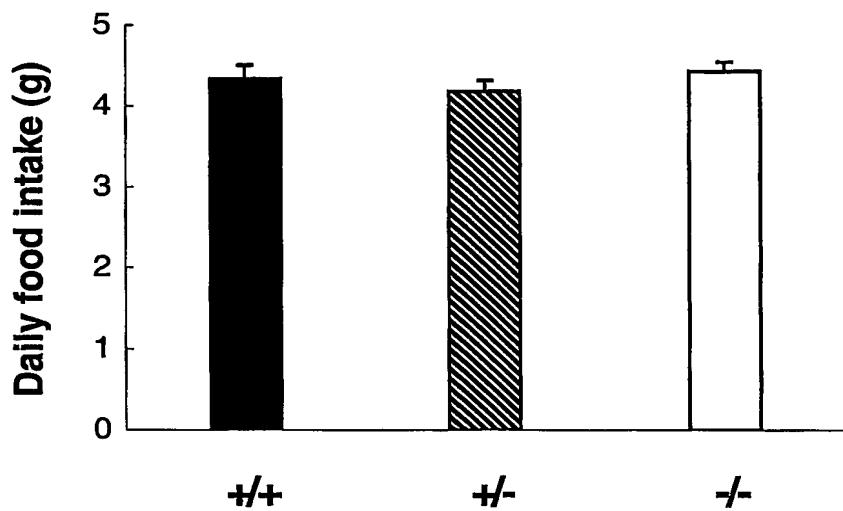


FIG. 13

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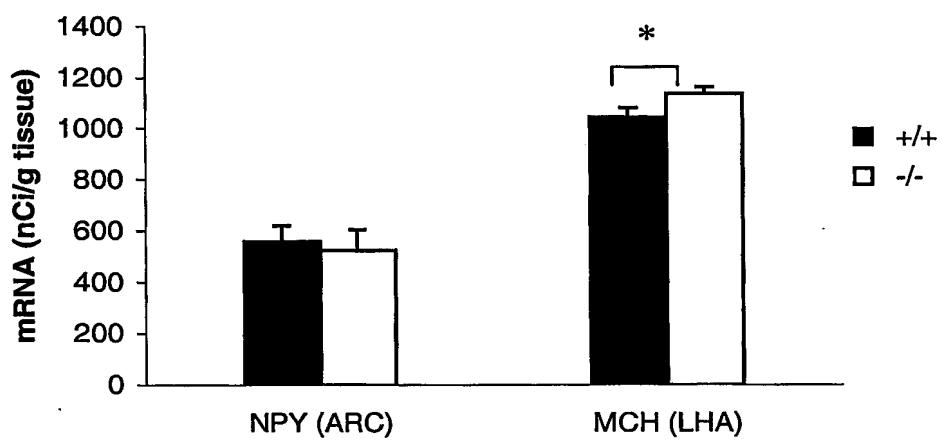


FIG. 14

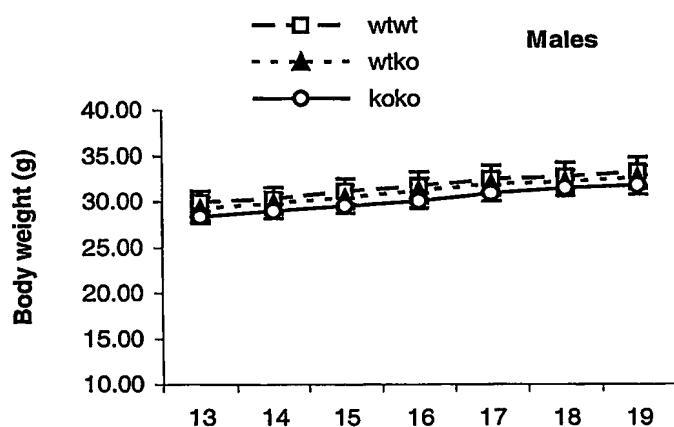
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A



B

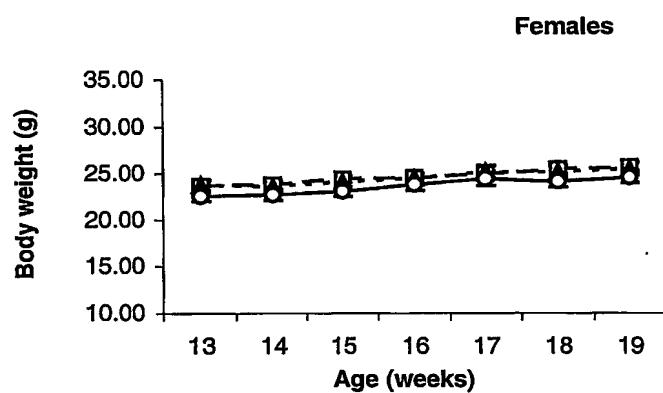


FIG. 15

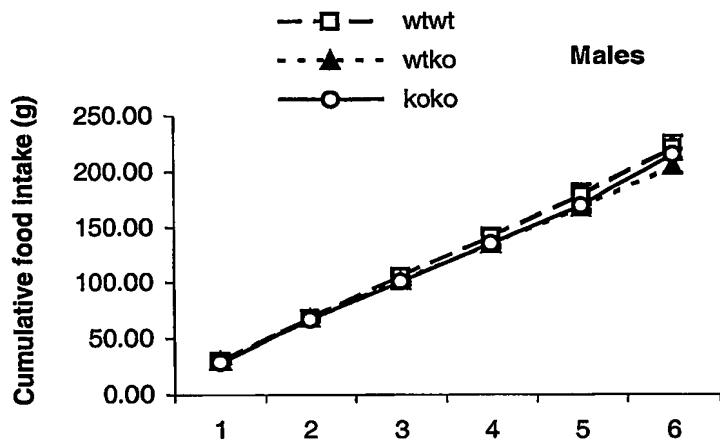
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**A**



**B**

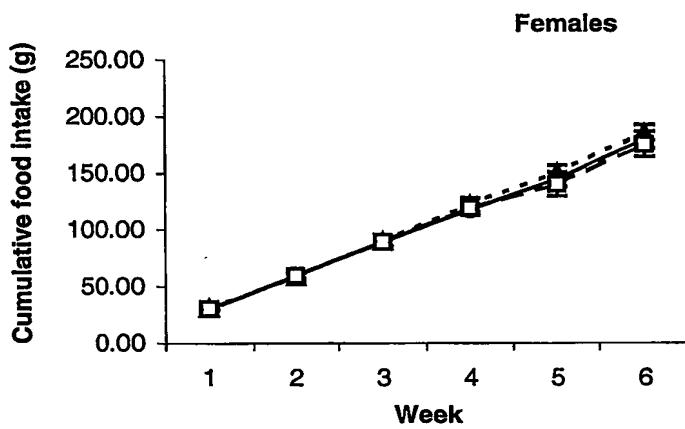


FIG. 16

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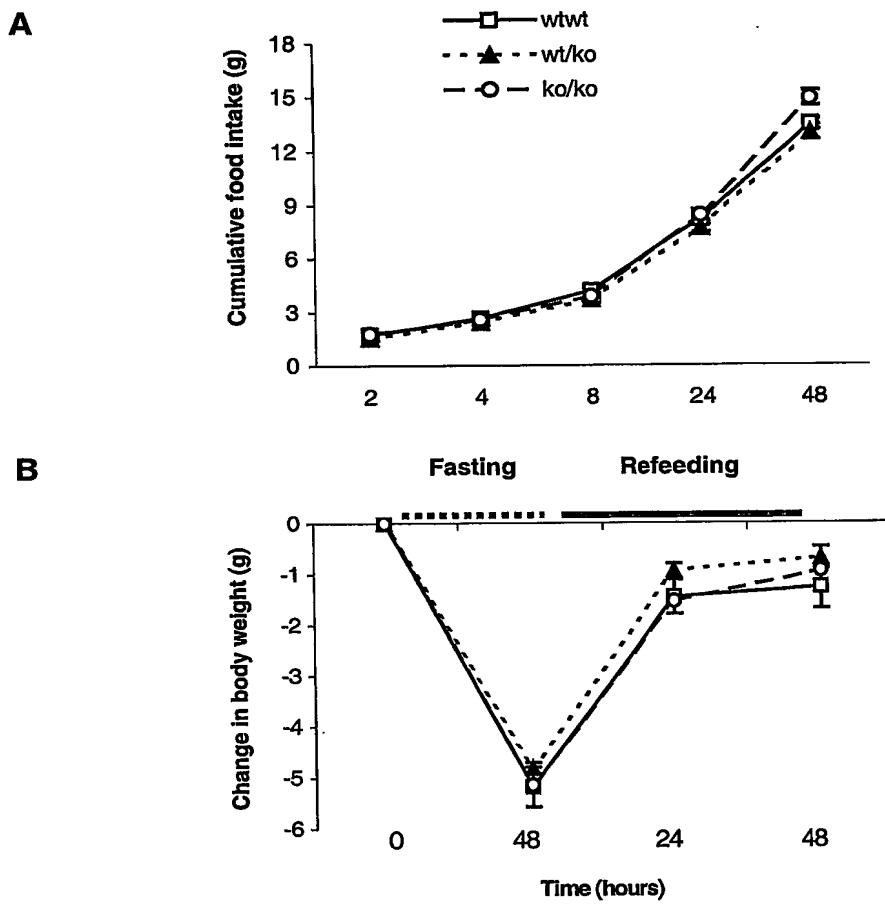


FIG. 17

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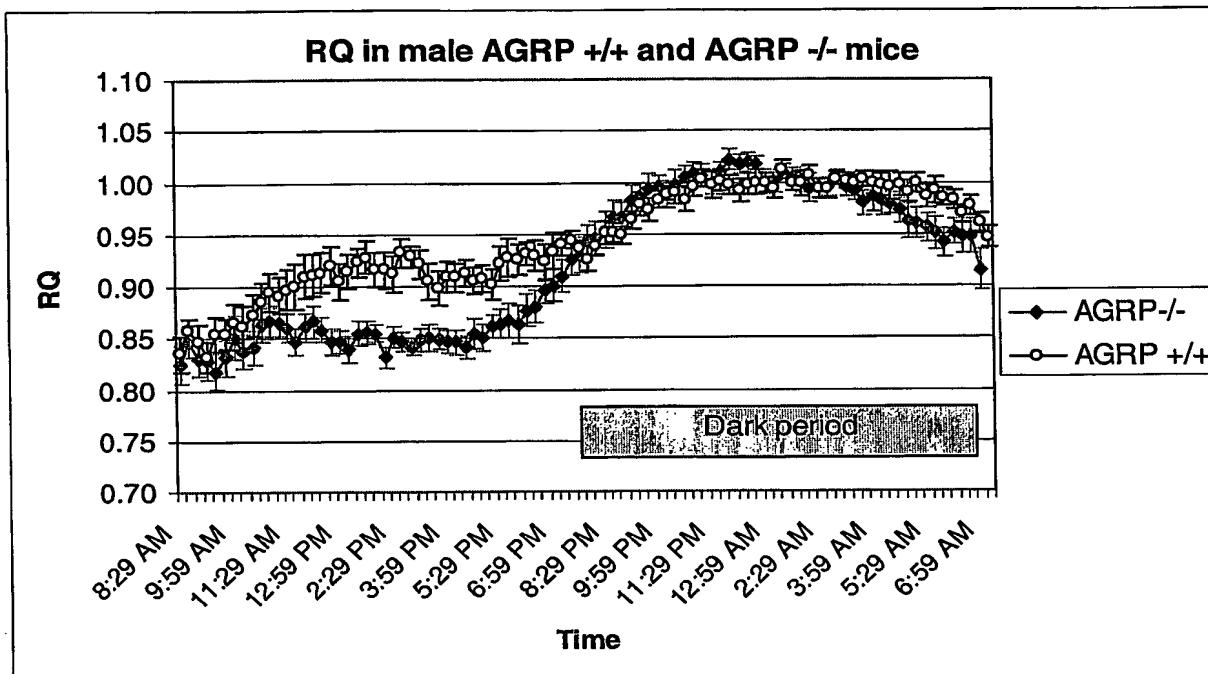


FIG. 18

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FIG. 19

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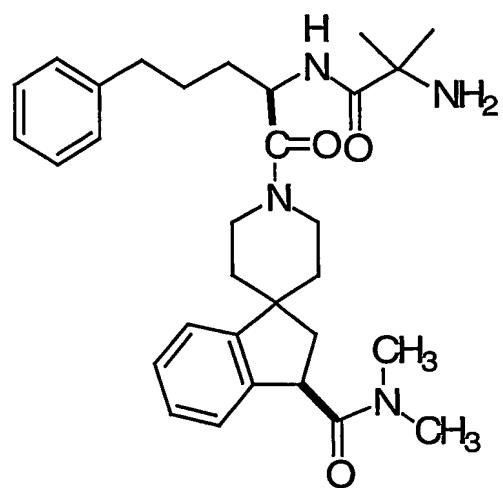


FIG. 20

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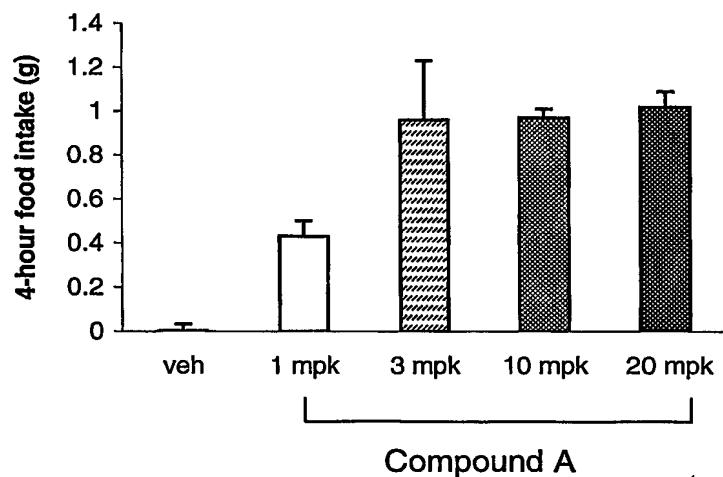
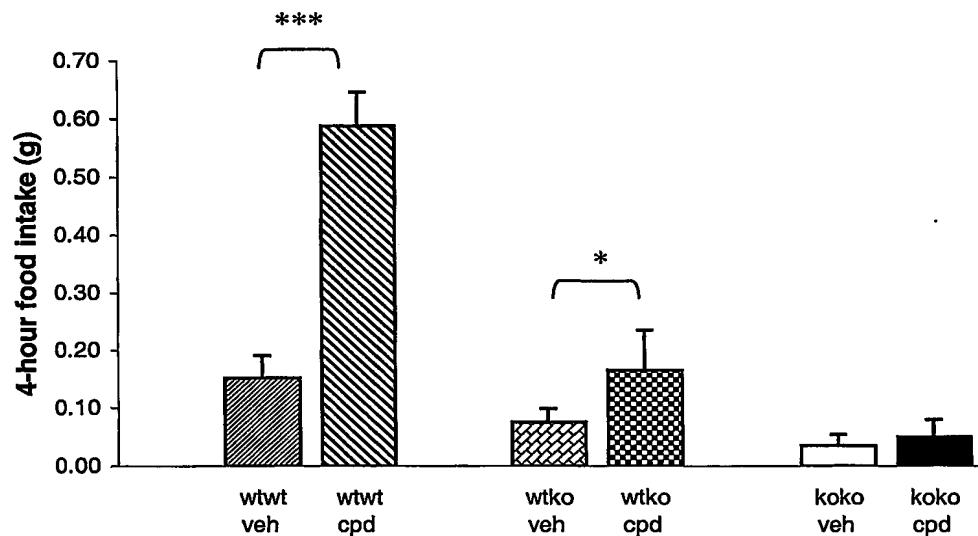
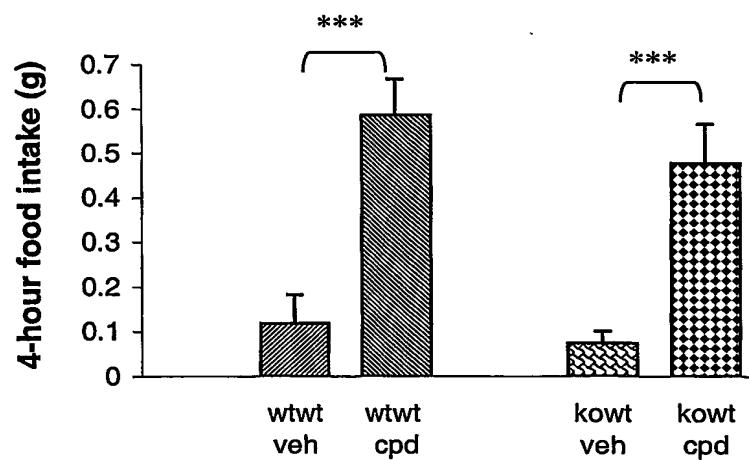


FIG. 21

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**A****B****FIG. 22**

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